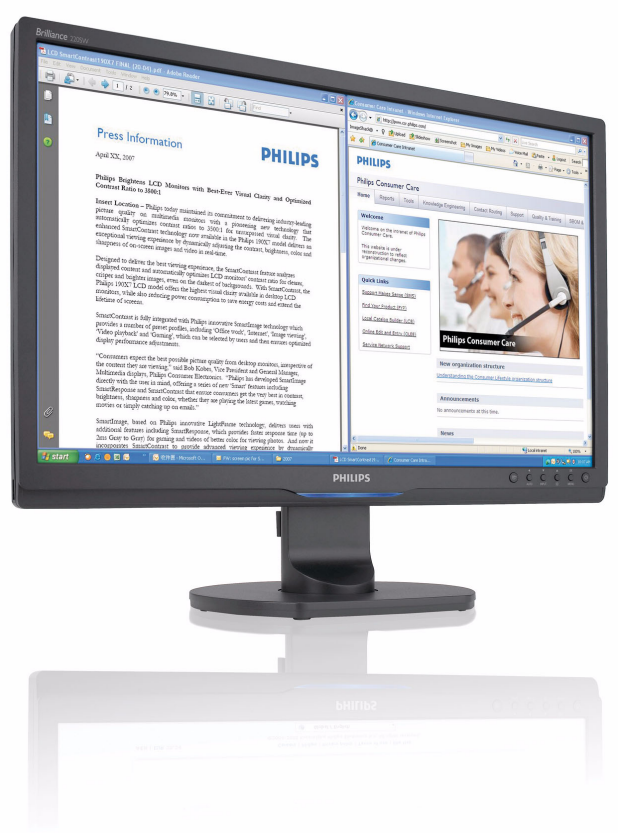


Philips Brilliance
LCD widescreen monitor

22" wide
WSXGA+

Brilliance

220SW9FB

# Feature packed performance widescreen productivity

The larger widescreen monitor for your productivity: With SmartImage, SmartContrast and SmartControl to boost your work output plus TrueVision for the best-ever LCD display, the TCO'03 certified, Vista-ready 220SW9 is ready to work for you.

### Best total cost of ownership solution

- TrueVision ensures top quality LCD display delivered to you
- Empowered for Windows Vista
- TCO'03 guarantees the highest safety and ergonomic standards

### Outstanding front of screen performance

- SmartImage: For an optimized display experience
- SmartContrast: Dynamic,optimized contrast for visual clarity

### Eco-friendly design

- Green design conserves resources and reduces operating costs

### Great convenience

- Dual input accepts both analog VGA and digital DVI signals
- Hassle-free display performance tuning with SmartControl II
- Auto picture format control switching in wide and 4:3 format
- Tilt and swivel adjustment for an ideal viewing angle
- Cable management for a tidy work space

PHILIPS
sense and simplicity

LCD widescreen monitor
22" wide WSXGA+

# 220SW9FB/27

## Specifications

### Picture/Display
- Panel Size: 22" / 55.9 cm
- LCD panel type: 1680 x 1050 pixels, Anti-glare polarizer, RGB vertical stripe
- Recommended Resolution: 1680 x 1050 @ 60Hz
- Maximum Resolution: 1680 x 1050 @ 75Hz (analog), 1680 x 1050 @ 60Hz (digital)
- Display colors: 16.7 M
- Aspect ratio: 16:10
- Brightness: 300 cd/m²
- Contrast ratio (typical): 1000:1
- SmartContrast ratio (dynamic): 10000:1
- Viewing angle: 176° (H) / 170° (V), @ C/R > 5
- Response time (typical): 5 ms
- Effective viewing area: 18.7 x 11.7 inch
- Horizontal Scanning Frequency: 30 - 83 kHz
- Vertical Scanning Frequency: 56 - 75 Hz
- Pixel pitch: 0.282 x 0.282 mm
- sRGB

### Connectivity
- Signal Input: Analog (VGA), DVI-D
- Video Sync Input Signal: Composite Sync, Separate Sync, Sync on Green

### Convenience
- Convenience Enhancements: SmartControl II, SmartManage enabled, Picture format selection, On-screen Display
- Monitor Controls: Auto (Back), Brightness (Up), Input (Down), Menu (OK), Power On/Off, SmartImage
- OSD Languages: English, French, German, Italian, Russian, Simplified Chinese, Spanish, Portuguese
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 98, Windows 2000, Windows XP, Windows Vista
- Regulatory Approvals: CE Mark, Energy Star, FCC Class B, SEMKO, TCO '03, TÜV/GS, TÜV Ergo, UL/cUL
- Tilt: -5° to 20°
- Other convenience: Kensington lock compatible
- VESA Mount: 100 x 100 mm

### Dimensions
- Set dimensions with stand (W x H x D): 502 x 413 x 199 mm
- Set dimensions with stand in inch (W x H x D): 17.7 x 16.3 x 7.83 inch
- Relative humidity: 20% - 80%
- MTBF: 50,000 hrs
- Set dimensions (W x H x D): 502 x 346 x 58 mm
- Set dimensions in inch (W x H x D): 17.7 x 13.6 x 2.26 inch
- Temperature range (operation): 0°C to 40°C
- Temperature range (storage): -20°C to 60°C
- Box dimensions (W x H x D): 562 x 456 x 149 mm
- Box dimensions in inch (W x H x D): 22.1 x 18.0 x 5.87 inch
- Product weight (+stand): 4.3 kg
- Product weight (+stand) (lb): 9.48 lb
- Weight incl. Packaging: 6.25 kg
- Weight incl. Packaging (lb): 13.78

### Power
- Consumption: < 45 W (Typical)
- Consumption (economy mode): 34 W
- Off Mode: < 0.8 W
- Complies with: Energy Star
- Power LED indicator: Operation - Blue, Stand by/sleep -blue(blinking)
- Power supply: Built-in, 100-240VAC, 50/60Hz

## Product highlights

### SmartImage
*SmartImage is an exclusive, leading edge Philips technology that analyzes the content displayed on your screen. Based on a scenario you select, SmartImage dynamically enhances the contrast, color saturation and sharpness of images and videos for ultimate display performance - all in real time with the press on a single button.*

### TrueVision
*TrueVision is industry-leading, proprietary Philips testing and algorithm technology for monitor adjustment and fine tuning, an extensive process that ensures ultimate display performance in compliance with a standard four-times more stringent than Microsoft's Vista requirements from each and every monitor that leaves the factory - not just a few review samples. Only Philips goes to these lengths to deliver this exacting level of color accuracy and display quality in every new monitor.*

### SmartContrast
*SmartContrast is Philips technology that analyzes the contents you are displaying, automatically adjusting colors and controlling backlight intensity to dynamically enhance contrast for the best digital images and optimum contrast for more entertainment fun when viewing videos or playing games where dark hues are displayed; when you select the Economy mode, contrast is adjusted and backlighting fine-tuned for just-right display of everyday office applications and lower power consumption.*

### Dual input
*Dual input provides connectors to accommodate input of both analog VGA and digital DVI signals.*

### SmartControl II
*SmartControl II is monitor-based software with an easy-to-use on-screen graphic interface that guides you through fine-tuning resolution, color calibration and other display settings including brightness, contrast, clock & phase, position, RGB, white point and - on models with onboard speakers - volume adjustments.*

### Eco-friendly design
*Green design is based on environmentally conscious engineering of a display device to minimize power consumption, reduce packing materials and eliminate environmentally sensitive materials.*

### Screen tilt and swivel
*Screen tilt and swivel is a mechanism built into the base permits the monitor to swivel and tilt backward or forward.*

### Cable management
*Cable management is a system that maintains tidy workspace by organizing cables and wires required for the operation of a display device.*

### Windows Vista ready
*Philips Vista-ready monitors are empowered for vibrant, exciting display of this new, visually sophisticated and demanding Windows operating system, designed to enhance your entertainment experience, make you more productive and help you control your computing experience at home and in the office, making viewing, finding and organizing information for work or play quick, efficient and easy.*

### TCO '03 compliance
*A TCO (Swedish Confederation of Professional Employees) standard even more stringent than MPR-II for safety and ergonomics, especially concerning alternating electric fields (AEF).*

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